Index of Claims

| Appli | cation/ | Control | No. |
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10/052,788

Examiner

GERSHWIN ET AL.

Applicant(s)/Patent under Reexamination

Art Unit

James L. Grun

1641

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Restricted                     |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| Α | Appeal   |
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| o | Objected |

| Cla             | aim      |                   |              |          |  | Date            | 3               |          |                 |          | Cla  | aim      |  |                 |          |          | ate      |          |  |              |        | C        | aim_       |          |            |          | [        | Date     | -        |          |          |   |
|-----------------|----------|-------------------|--------------|----------|--|-----------------|-----------------|----------|-----------------|----------|--|----------|--|-----------------|----------|----------|----------|----------|--|--------------|--------|----------|------------|----------|------------|----------|----------|----------|----------|----------|----------|---|
|                 |          | 6/16/2005         |              |          |  |                 |                 |          |                 |          |  | <u> </u> |  |                 |          |          | T        |          | T  |              |        |          | <u> </u>   |          |            |          |          |          |          |          |          |   |
| Final           | Original | 14                | L            |          |  |                 |                 | - 1      | ŀ               |          | Final  | Original | į  |                 |          |          |          | İ        |  |              |        | Final    | Original   |          | l          |          |          |          |          |          |          |   |
| ΙŒ              | ō.       |                   |              |          |  |                 |                 |          |                 |          | 证  | ō        |  |                 |          |          |          |          | 1  |              |        | iΞ       | P          |          |            |          |          |          | .        |          |          |   |
| igsquare        |          | 9                 | ₩            | Ш        |  | -               | $\dashv$        |          |                 |          |  |          | ╀  |                 |          |          | -        | +        |  | ╀            |        |          | 101        | -        | $\vdash$   |          |          | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |   |
|                 | 1        | 0000              | <del> </del> | Н        | _  | -               | $\dashv$        | $\dashv$ | -               | ᅴ        |  | 51<br>52 | ╁╌   | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | +  | ╁            |        |          | 102        | Н        | $\vdash$   |          |          |          |          | $\dashv$ | -        | _ |
| $\vdash$        | 2        | ٥                 | ╁            | $\vdash$ | -  | $\vdash$        | $\dashv$        | -        |                 | $\dashv$ |  | 53       | ╁╾   | $\vdash$        | $\dashv$ |          | -        | +        | ╁  | $\vdash$     |        |          | 103        | -        | -          |          |          | $\vdash$ |          | $\dashv$ | $\dashv$ |   |
| $\vdash$        | 4        | H                 | t            | Н        |  |                 | $\dashv$        | $\neg$   | $\dashv$        |          |  | 54       | <del>                                     </del> |                 |          |          |          | +        | +-   | $\vdash$     |        |          | 104        |          |            |          |          |          |          | 寸        | 一        | _ |
| $\vdash \vdash$ | 5        | H                 | t            | П        | -  |                 | $\Box$          | $\neg$   |                 |          |  | 55       | $\vdash$   |                 | $\neg$   |          |          | $\top$   | ╅  | T            |        | _        | 105        |          |            |          |          | П        |          | T        | 寸        |   |
|                 | 6        | 1                 | Г            |          |  |                 | П               |          |                 |          |  | 56       |  |                 |          |          |          |          |  |              |        |          | 106        |          |            |          |          |          |          |          |          |   |
|                 | 7        |                   |              |          |  |                 |                 |          |                 |          |  | 57       |  | ·               |          |          |          |          |  |              |        |          | 107        |          |            |          |          |          |          |          |          |   |
|                 | 8        |                   |              |          |  |                 |                 |          |                 |          |  | 58       |  |                 |          |          |          |          | $\perp$  | _            |        |          | 108        | Ш        |            |          |          | $\Box$   |          | _        | _        |   |
|                 | 9        | L                 | L            | Ш        |  |                 |                 |          | Щ               |          |  | 59       | ┞  | Ш               | _        |          | _        | _        | $\perp$  | $\perp$      |        |          | 109        |          | Н          |          |          | -        | ·        |          | $\dashv$ |   |
| $\vdash$        | 10       | 1                 | $\vdash$     | Ш        | _  | $\sqcup$        | $\vdash \vdash$ | _        | dash            | _        | <u> </u>   | 60       |  | $\vdash \vdash$ | -        |          | _        | -        | +  | +            |        |          | 110        | $\vdash$ | $\square$  |          |          | $\sqcup$ | -        |          | $\dashv$ |   |
|                 | 11       | #                 | ⊢            | Н        |  | $\vdash$        | $\vdash$        | _        | $\vdash \vdash$ | $\dashv$ | <u> </u>   | 61       | ₩  | $\vdash \vdash$ | _        | $\vdash$ | _        |          | +  | -            |        |          | 111<br>112 | $\vdash$ | $\vdash$   | _        | Н        | Н        | $\dashv$ | -        |          |   |
| $\vdash$        | 12       | H                 | $\vdash$     | Н        |  | Н               | $\vdash$        |          |                 | $\dashv$ | <u> </u>   | 62<br>63 | ╁  | $\vdash \vdash$ | -        | $\vdash$ | $\dashv$ | +        | +  | +-           |        |          | 113        | Н        | $\vdash$   |          | Н        | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ |   |
| $\vdash$        | 13<br>14 | H                 | $\vdash$     | Н        |  | Н               | $\vdash$        | _        | -               | -        | _  | 64       | ╁  | $\vdash$        | -        | -        | $\dashv$ | +        | +  | $\vdash$     |        |          | 114        | H        | $\vdash$   |          | -        | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ |   |
| -               | 15       | ╁                 | ┼-           | Н        |  | Н               | $\dashv$        | -        | -               | _        | <del> </del>                                     | 65       | $\vdash$   | Н               | -        | $\neg$   | $\dashv$ | $\dashv$ | +  | $\vdash$     |        |          | 115        |          | $\vdash$   |          |          |          | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| $\vdash$        | 16       | H                 | +-           | H        |  | H               | $\vdash$        |          | $\vdash$        |          | <b></b>  | 66       | $\vdash$   | Н               |          | $\dashv$ | $\dashv$ | $\dashv$ | $\top$   | $\dagger$    |        |          | 116        | Н        | $\vdash$   |          |          | Н        |          | _        | $\dashv$ |   |
|                 | 17       | #                 | Τ-           | П        |  | H               | H               |          | Н               |          | <b> </b>   | 67       |  | П               |          | $\neg$   | $\neg$   | $\dashv$ | $\top$   | T            |        |          | 117        |          |            |          |          |          |          | _        | 一        |   |
|                 | 18       | $\dagger \dagger$ | T            | П        |  | П               | $\Box$          |          |                 |          |  | 68       |  | П               | ·        |          |          |          |  |              |        |          | 118        |          |            |          |          |          |          |          | $\Box$   | _ |
|                 | 19       |                   | Γ            |          |  |                 |                 |          |                 |          |  | 69       |  |                 |          |          |          |          |  |              |        |          | 119        |          |            |          |          |          |          |          | $\Box$   |   |
|                 | 20       |                   |              |          |  |                 |                 |          |                 |          |  | 70       |  |                 |          |          |          |          | $\perp$  |              |        |          | 120        |          |            |          |          | Ш        |          |          | $\Box$   |   |
|                 | 21       | $\prod$           |              |          |  |                 |                 |          |                 |          |  | 71       | L  | Ш               |          |          |          | _        | Ļ  | <u> </u>     |        |          | 121        | $\Box$   | Ш          |          |          | Щ        | $\Box$   | $\dashv$ | _        |   |
|                 | 22       | Ц                 | $\vdash$     | Ш        |  | Ш               | Ш               |          |                 | Ц        |  | 72       | <b>_</b>   | Ш               |          | Ш        |          | 4        | $\bot$   | _            |        |          | 122        | L        | Ы          | _        | <u> </u> | Ш        |          | _        | 4        |   |
|                 | 23       | ${f H}$           | ऻ_           | Щ        |  | Ш               | $\sqcup$        | $\Box$   | $\sqcup$        | _        |  | 73       | <del> </del>                                     | $\vdash \vdash$ | _        | $\dashv$ | _        | - -      | _  | ╂            |        |          | 123        | L        | Н          | _        |          | H        | Н        | _        | $\dashv$ |   |
| <u> </u>        | 24       | $oldsymbol{+}$    | ╀            | $\vdash$ | $\vdash$   | Н               | $\sqcup$        |          | Ш               |          | <u> </u>   | 74       | ├-   | $\vdash$        | $\dashv$ | $\vdash$ |          | +        | +  | $\vdash$     |        |          | 124<br>125 |          | Н          |          | $\vdash$ | $\vdash$ | -        | $\dashv$ | $\dashv$ | _ |
| <u> </u>        | 25       | H                 | ╀            | -        | -  | Н               | $\vdash \vdash$ |          | Н               | -        | <u> </u>   | 75<br>76 | 1  | $\vdash$        |          | $\vdash$ | $\dashv$ |          | +-   | +            |        |          | 125        | $\vdash$ | Н          |          | ŀ        | $\vdash$ | H        | +        | $\dashv$ |   |
|                 | 26<br>27 | H                 | ┢            | -        |  | $\vdash$        | $\vdash \vdash$ |          | $\vdash$        | $\dashv$ |  | 77       | +  | $\vdash$        | _        | Н        |          | $\dashv$ | +  | ╁╴           |        | <u> </u> | 127        |          | Н          |          | -        | Н        | Н        | -        | $\dashv$ | - |
| -               | 28       | Н                 | ╁            | $\vdash$ | H  | $\vdash$        | $\vdash \dashv$ | -        | Н               | -        | -  | 78       | $\vdash$   | H               |          | $\vdash$ | -        | +        | +  | +            |        | _        | 128        |          | $\vdash$   | -        |          | H        | H        | -        | $\dashv$ |   |
| $\vdash$        | 29       | Н                 | +            | $\vdash$ | -  | Н               | $\vdash \vdash$ | Н        | Н               | -        | $\vdash$   | 79       | $\vdash$   | Н               | -        | $\vdash$ | $\dashv$ | +        | +  | +            |        |          | 129        | -        | $\vdash$   |          | $\vdash$ | Н        | H        | -        | $\dashv$ |   |
| $\vdash$        | 30       | ۲                 | -            | $\vdash$ | H  | Н               | $\vdash \vdash$ | $\vdash$ | Н               |          | <del> </del>                                     | 80       | $\vdash$   | Н               |          | $\Box$   | $\dashv$ | $\dashv$ | +  | 十            |        |          | 130        |          | Н          |          |          | Н        |          |          | $\neg$   |   |
|                 | 31       | Т                 |              | $\Box$   | $\vdash$   | Н               | $\vdash$        |          | Н               | _        |  | 81       | $\vdash$   | Н               |          | П        | $\dashv$ | $\dashv$ | $\top$   | 1            |        |          | 131        |          | П          |          |          | П        |          |          | 寸        |   |
|                 | 32       |                   |              | П        | Т  | П               | П               |          | П               | ╗        |  | 82       | I  |                 |          |          |          |          | $oldsymbol{ol}}}}}}}}}}}}$ | I            | ]      |          | 132        |          |            |          |          |          |          |          |          |   |
|                 | 33       |                   |              |          |  |                 |                 |          |                 |          |  | 83       |  |                 |          |          |          | I        |  |              |        |          | 133        |          |            |          |          |          |          |          | $\Box$   | Ī |
|                 | 34       |                   |              |          |  |                 |                 |          |                 |          |  | 84       |  |                 |          |          |          | $\prod$  | $\perp$  |              |        |          | 134        |          | Ш          |          | L_       | Ш        |          |          |          |   |
|                 | 35       | $\Box$            |              |          |  |                 | $\Box$          |          |                 |          |  | 85       |  | Ш               |          |          | Ш        | 4        | _  | $\perp$      |        |          | 135        | <u> </u> | $  \bot  $ |          | _        | Щ        |          | $\sqcup$ | _        |   |
| <u> </u>        | 36       | Ц                 | 1            | Щ        | $\sqcup$   | Ш               | Ш               |          | Ш               |          |  | 86       | 1  | Ш               | _        | Щ        | $\sqcup$ | 4        | 4  | $\bot$       |        | ļ.,      | 136        | $\vdash$ | Ш          | _        | -        | <b> </b> | _        | $\sqcup$ |          | _ |
| <u> </u>        | 37       | Ц                 | <del> </del> | <b> </b> | L  | Ш               | $\sqcup$        |          | $\square$       |          |  | 87       | 4-   | Ш               |          | Щ        | $\sqcup$ | 4        | +  | ┼            |        |          | 137        | <u> </u> | $\sqcup$   | _        | $\vdash$ | $\vdash$ | <u> </u> | $\vdash$ | $\dashv$ |   |
| <u> </u>        | 38       | Н                 | ļ            | $\vdash$ | <u> </u>   | Н               | $\sqcup$        |          | Ш               |          | ļ  | 88       | $\vdash$   | $\vdash$        |          |          |          | +        | +  | +            |        |          | 138<br>139 | H        | $\vdash$   | _        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\dashv$ | _ |
| <u> </u>        | 39       | H                 | ₽            | -        | ┝  | $\vdash \dashv$ | $\vdash$        |          |                 |          | <u> </u>   | 89<br>90 | +-   | $\vdash$        |          | H        | $\dashv$ | +        | +  | ╁            |        |          | 140        | -        | $\vdash$   | _        | -        | $\vdash$ | Н        | $\vdash$ | $\dashv$ |   |
| <b></b>         | 40       | H                 | ╀            | $\vdash$ | ├  | $\vdash$        | $\vdash$        |          | $\vdash \vdash$ |          | <del>                                     </del> | 91       | +  | Н               | H        | Н        | Н        | +        | +  | +            | 1      |          | 141        | $\vdash$ | Н          |          | $\vdash$ | $\vdash$ |          | $\vdash$ | $\dashv$ | _ |
| -               | 41       | H                 | +            | $\vdash$ | ├─   | $\vdash$        | $\vdash$        | -        | $\vdash$        | _        |  | 92       | ╁  | Н               |          | Н        | $\vdash$ | +        | +  | +            |        | _        | 142        |          |            | $\vdash$ | $\vdash$ |          |          | $\vdash$ | $\dashv$ | - |
|                 | 42       | +                 | +            | $\vdash$ | $\vdash$   | $\vdash$        | $\vdash \vdash$ | _        | $\vdash$        | _        | _  | 93       | +  | H               |          |          | $\vdash$ | +        | +  | +-           |        |          | 143        | -        | Н          | $\vdash$ | Т        | $\vdash$ | $\vdash$ | $\vdash$ | -        | _ |
|                 | 44       | ╫                 | $t^-$        | Н        | <del>                                     </del> | H               | H               | -        | H               |          | _  | 94       | +  | Н               |          |          |          | $\top$   | 十  | +-           | 1      |          | 144        |          | $\Box$     | -        | $I^-$    |          |          | $\Box$   | $\neg$   |   |
|                 | 45       | $\dagger$         | 1            |          | $\vdash$   | Н               | $\vdash \vdash$ |          | Н               | -        |  | 95       | T  |                 |          | ·        |          | $\top$   | $\top$   | $\top$       | 1      |          | 145        |          |            |          | Π        |          |          |          | $\neg$   |   |
|                 | 46       | +                 | †            | $\vdash$ | Т  | П               | Н               |          | П               |          |  | 96       | T  | П               |          |          |          | $\Box$   |  |              | ]      |          | 146        |          |            |          |          |          |          |          | $\Box$   |   |
|                 | 46<br>47 | -                 |              | П        | T  |                 |                 |          | П               |          |  | 97       |  |                 |          |          |          |          | Ι  | $oxed{oxed}$ |        |          | 147        |          |            | _        |          |          |          |          |          |   |
|                 | 48       |                   |              |          |  |                 |                 |          |                 |          |  | 98       |  |                 |          |          |          | $\perp$  | $oldsymbol{\perp}$   |              |        |          | 148        |          |            |          | $\Box$   |          | $\Box$   |          |          |   |
|                 | 49       |                   |              |          |  |                 |                 |          |                 |          |  | 99       |  |                 |          |          |          | $\bot$   |  | $\perp$      |        |          | 149        |          | Ш          |          | L        | Ш        | $\Box$   | Ш        |          |   |
|                 | 50       |                   |              |          | L  |                 | $\Box$          |          |                 |          | <u> </u>   | 100      |  |                 |          |          |          |          |  | <u> </u>     | Jiiiii |          | 150        | L        |            | l        | L        | L        |          |          | $\Box$   |   |